

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



**Top Secret**

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**imagery analysis report**

# **Typhoon SSBN Unit 5 Probably in Early Stage of Construction at Severodvinsk Shipyard 402, USSR (S)**

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IAR-0042/81

MARCH 1981

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**TYPHOON SSBN UNIT 5 PROBABLY IN EARLY STAGE OF  
CONSTRUCTION AT SEVERODVINSK SHIPYARD 402, USSR (S)**

1. (TSR) An analysis of nuclear-powered ballistic missile submarine (SSBN) missile bay internal-deck-level subassemblies<sup>1</sup> at Severodvinsk Shipyard 402 [redacted] USSR, revealed that Typhoon SSBN unit 5 is probably in the early stage of construction.

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2. (S/D) The subassemblies, which were present as early as [redacted] (Table 1), were two deck-levels high with [redacted] circular probable missile tube cutouts in the upper deck (Figure 1). These subassemblies are probably installed in the lower missile bay levels of the submarine. As many as seven of the subassemblies were seen in front of the fabrication buildings at the south end of the launch basin, at various locations in the staging area, and on the railspur serving construction hall 3.

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3. (TSR) Although little information is known about the internal hull configuration of the Typhoon SSBN, it is believed that analysis of these subassemblies does reveal when construction was started on the hulls. Estimated start of construction dates for the Typhoon SSBN hulls 1 through 5 are as follows:

Hull Number	Estimated Date of Start of Construction	Date of Subassembly Observations
1	Mid-to-late 1975	None
2	Mid-1977	February – September 1977
3	Mid-1978	July – December 1978
4	Late 1978 – early 1979	January – June 1979
5	October 1978	May – December 1980

**DOCUMENT**

1. NPIC, [redacted] IAR-0111/79, *Typhoon SSBN Construction at Severodvinsk Shipyard 402, USSR* (TSR), Jan 80 (TOP SECRET [redacted])

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(S) Comments and queries regarding this report are welcome. They may be directed to [redacted]  
[redacted] Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC, [redacted]  
[redacted]

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TABLE 1. MISSILE BAY INTERNAL-DECK-LEVEL SUBASSEMBLIES AT SEVERODVINSK SHIPYARD 402, 1977-1980  
*This table in its entirety is classified TOP SECRET RUFF*

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER																													
1977		4		2					4	4	22																														
1978						1	1	11	1	3	1	3	23	24	25	2	2		33	3	1	4	4	13	3	1															
1979	3	3	3	3	3	1	22	2	2	2	2	23	3	33	2	3	1	1																							
1980						1	1	1	2	22	2	22	3	3	2	3	33	33	4	44	64	53	4	76	56	474	6	2	2	3	4	9	4	5	2	9	4	1	2	2	2

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